U.S. Department of Health and Human Services

Health Resources and Services Administration

TELE-HOME CARE LESSONS FROM THE FIELD

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September 12, 2002

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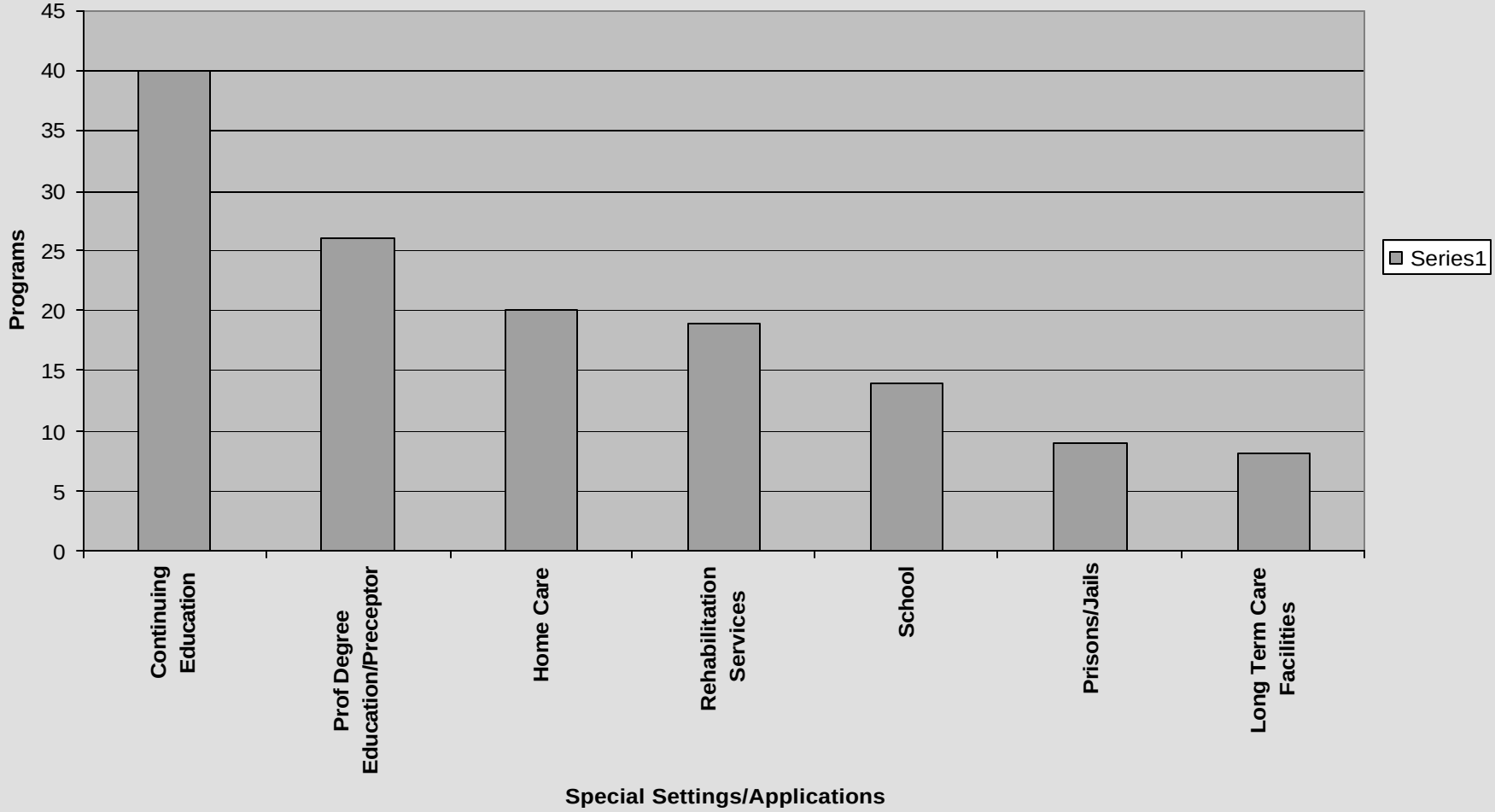
HRSA

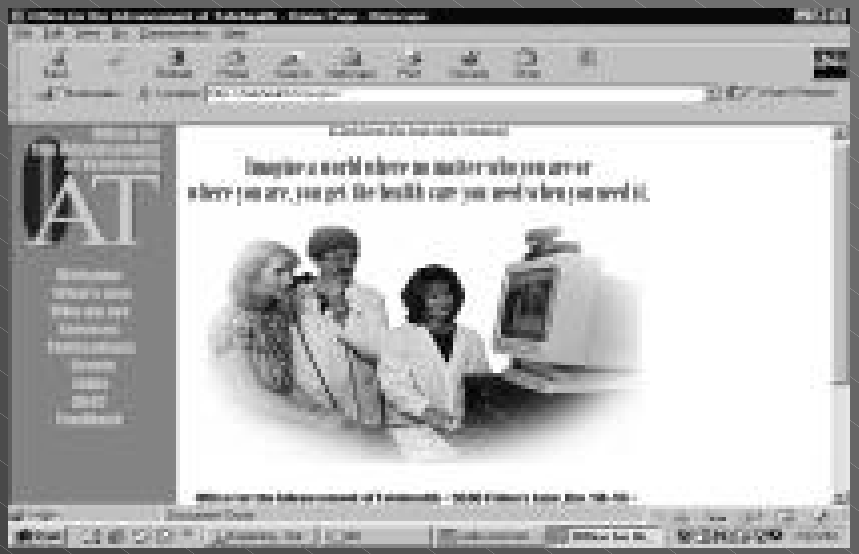
Health Resources and Services Administration

What is OAT?

- Office for the Advancement of Telehealth, Health Resources and Services Administration
- Began August 1998
- Spin-off of HRSA's Office of Rural Health Policy
- Staff of 7
- FY 2001 Appropriation: $39 million


Telemedicine Applications FY 2001
Programs
45
40
35
30
25
20
15
10
5
0
Continuing Education
Prof Degree Education/Preceptor
Home Care
Rehabilitation Services
School
Prisons/Jails
Long Term Care Facilities
Special Settings/Applications
Series1

OAT Web Site
http://telehealth.hrsa.gov



- **Funding guide:**

  http://telehealth.hrsa.gov/grants/funds.htm

- **Grantees directory:**

  http://telehealth.hrsa.gov/grants/grantee.htm

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Many Federal Entities Fund Telehealth Programs

- NLM
- NIH
- AHRQ
- Commerce
- RUS/AGR
- DOD
- ARC
- NASA
- DOEd
- HRSA

Univ. Of Tenn Home Care Project

-- Visit Time: 17.5 vs. 48 minutes

-- Travel Time: 27,000 miles saved on nurse care for 444 patients or $7,091

-- Per visit savings: $40/visit

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Integrated Home Telehealth System

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Telerehabilitation

Home/Clinic

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Home Touch™

Patient

Nurse

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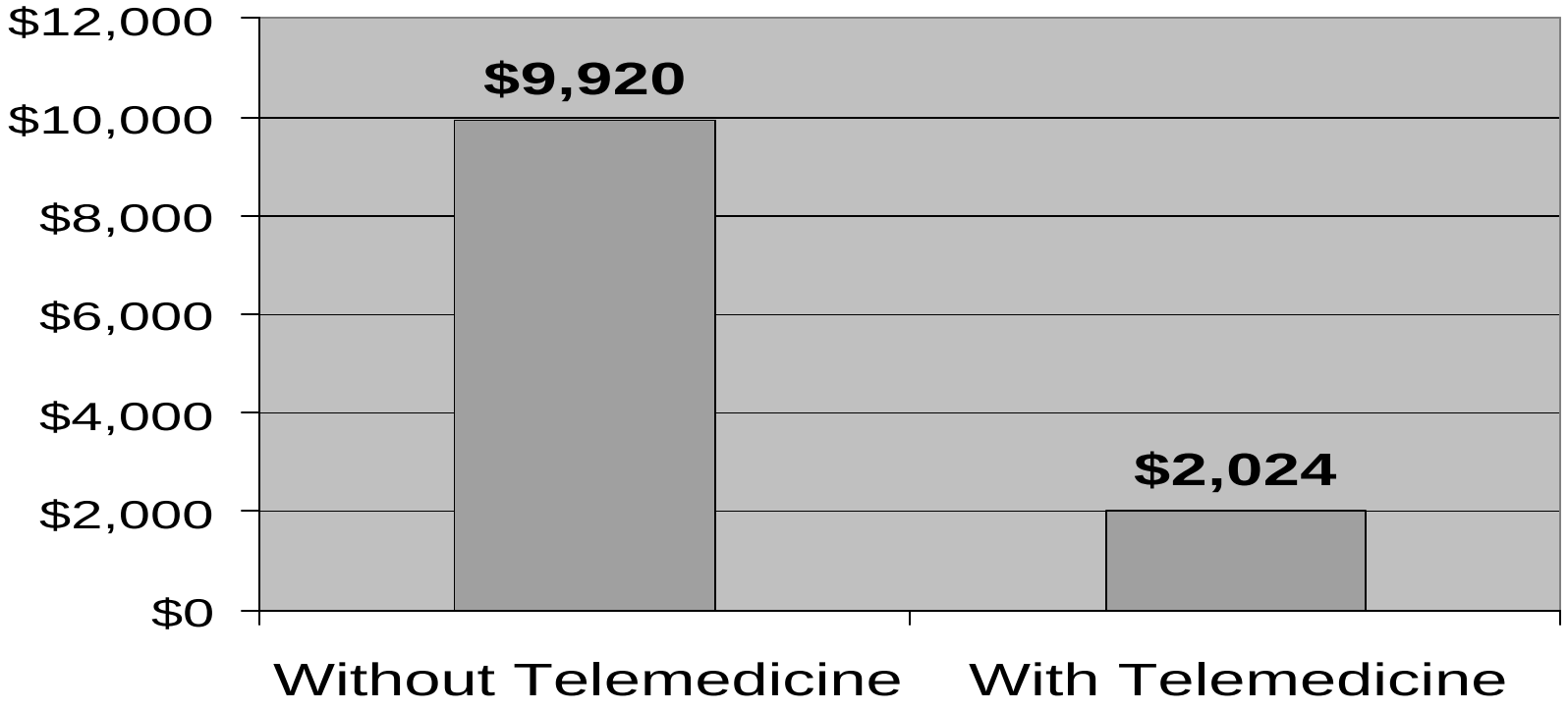
Hospitalization Cost per Year per Patient: Tenn Project



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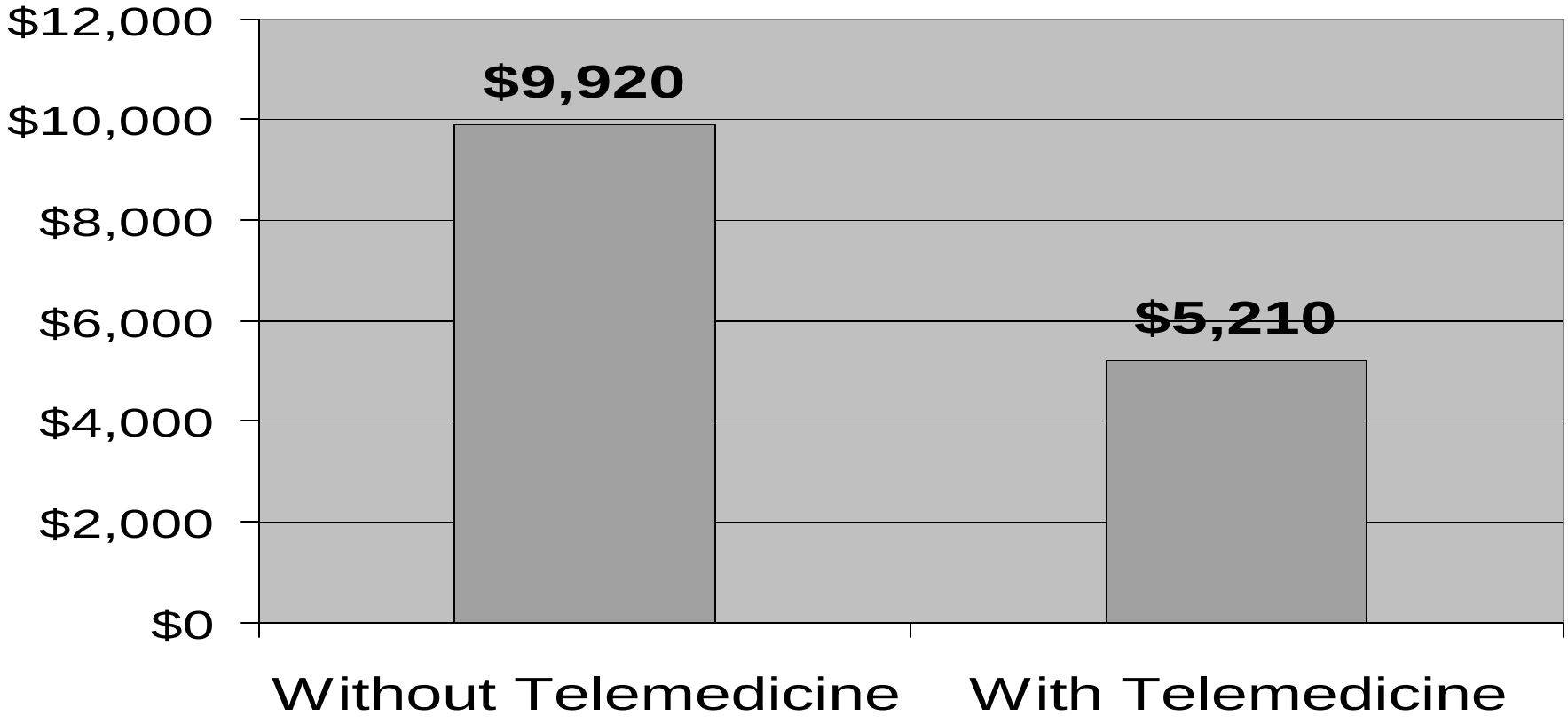
Care Cost per Year per Patient Including Telemedicine



Projection

Potential projection to national scope based on study results

Labor

- **$40,000 annual labor and benefits for each of two nurses for 34 patients**
- **$2,353 per patient per year**

Equipment

- **Video, pulse, blood pressure, oxygen saturation, and weight**
- **$2,500 per patient amortized over three years**
- **$833 per patient per year**

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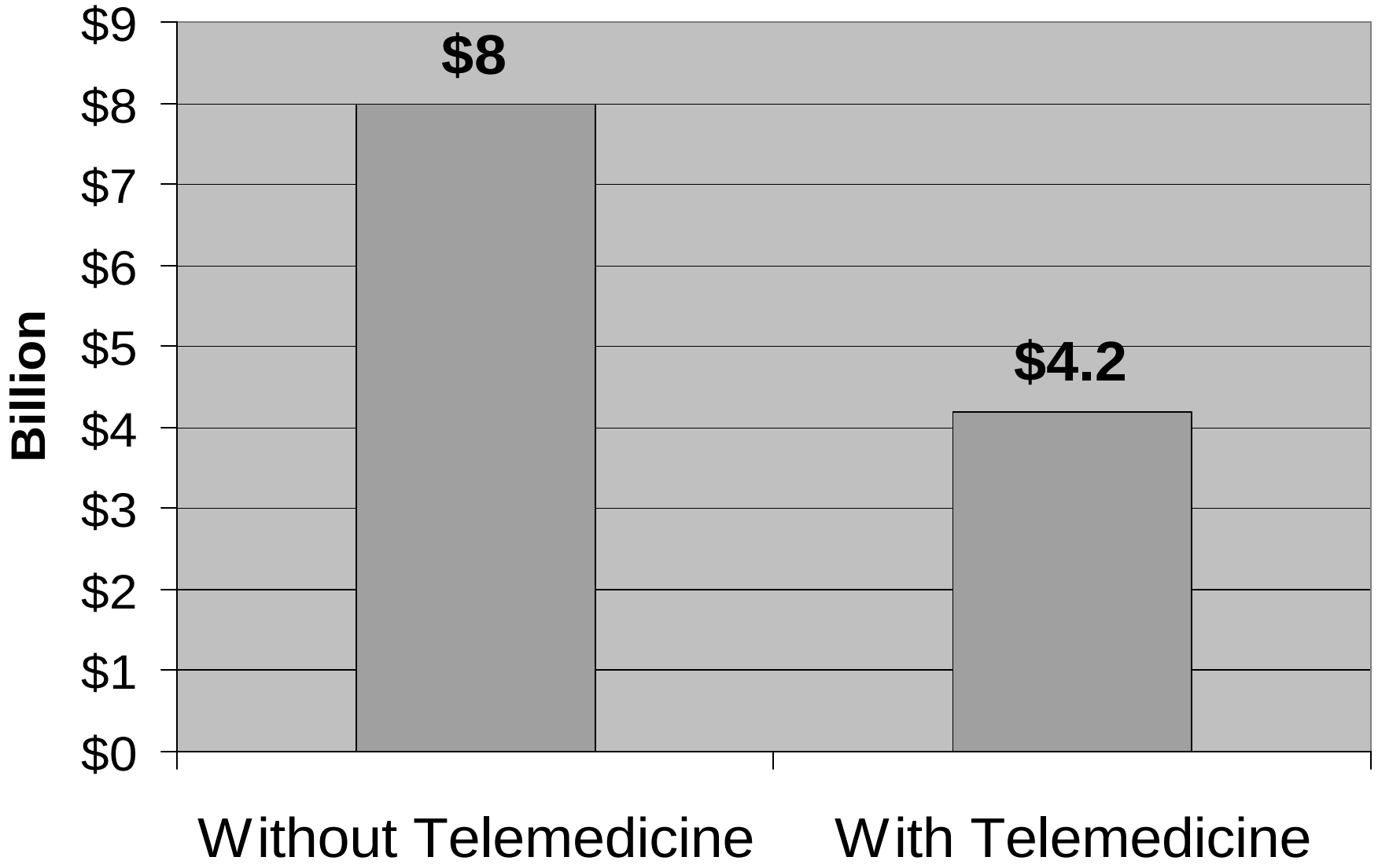

Home Care Cost Savings: Kaiser 1997

	In Person	Video
Caseload	5.2	15-20 Visit
Length	45	18
Travel	Yes	No
Mileage	Yes	No
Response	24-48 hours after triage	Immediately after triage